

1/25

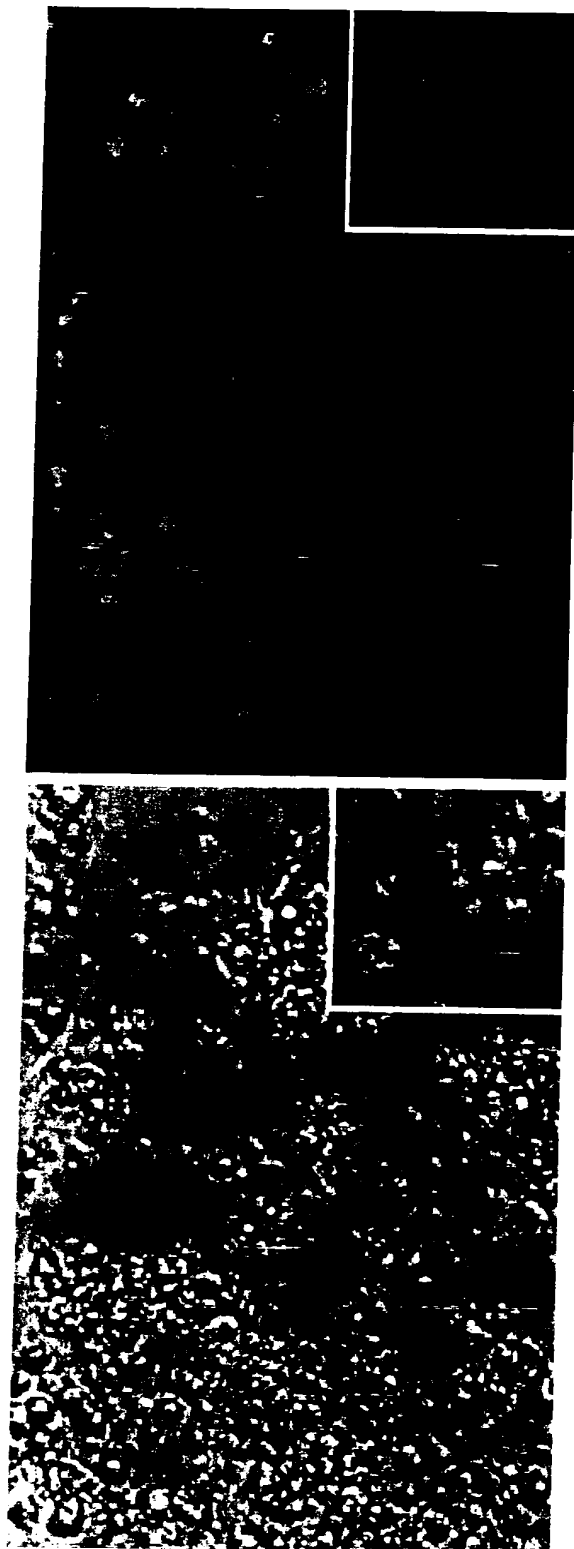


FIG.1

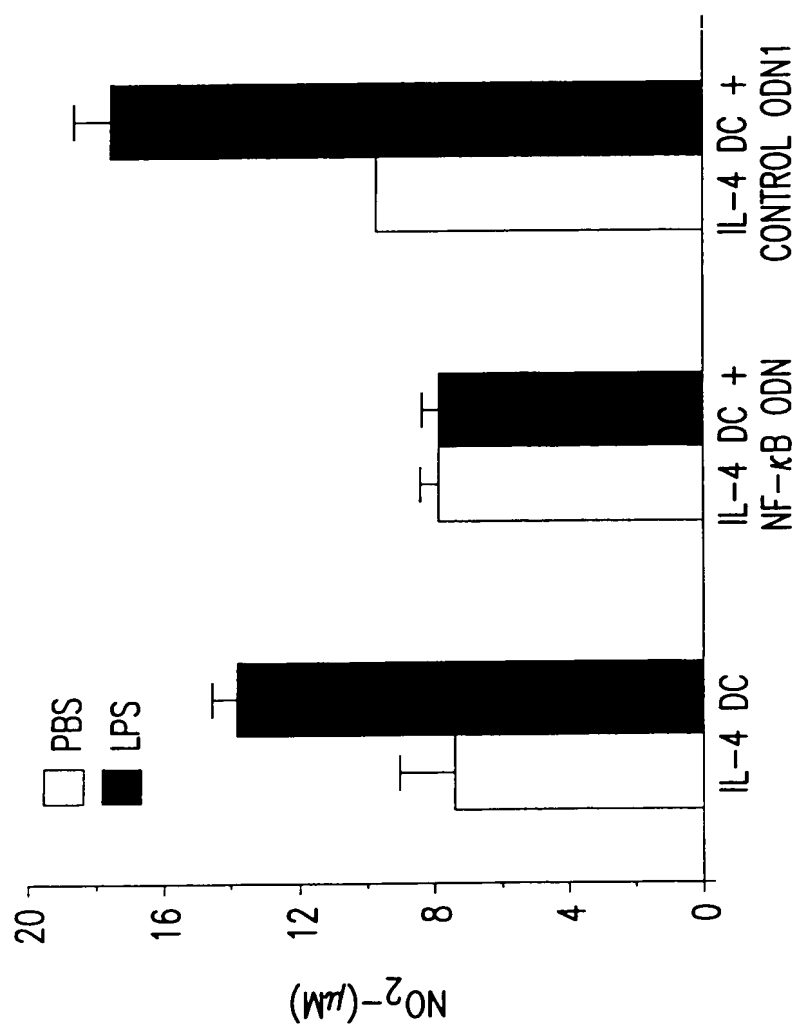


FIG.2

3/25

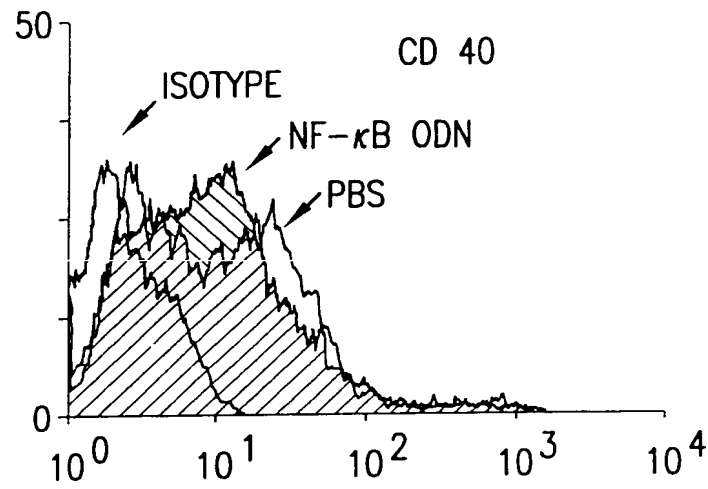


FIG. 3A

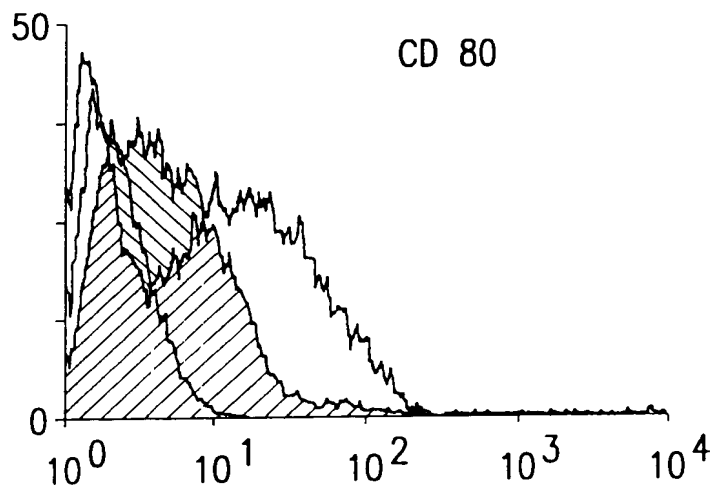


FIG. 3B

4/25

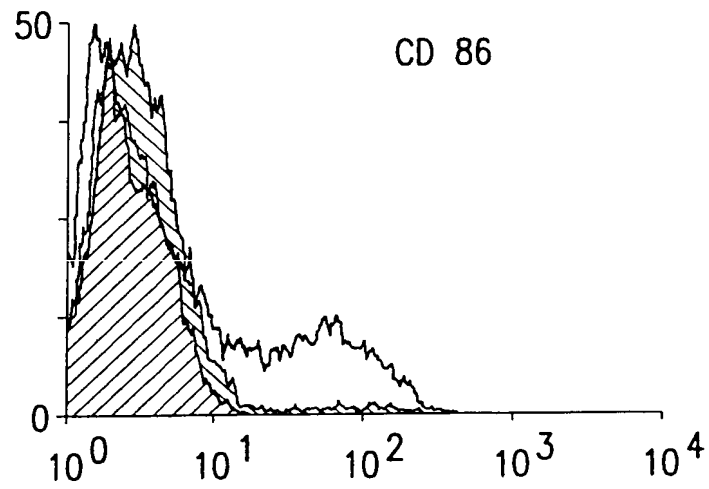


FIG. 3C

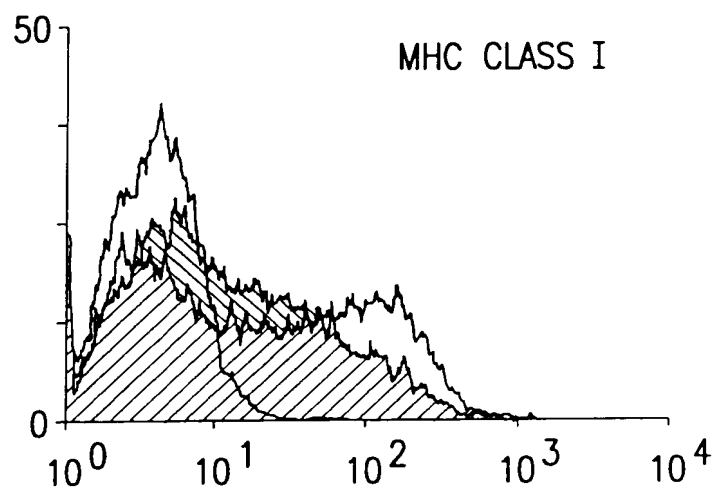


FIG. 3D

5/25

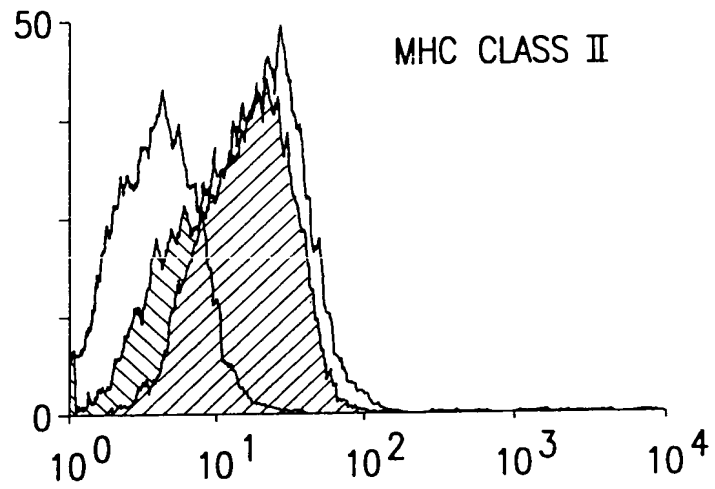


FIG. 3E

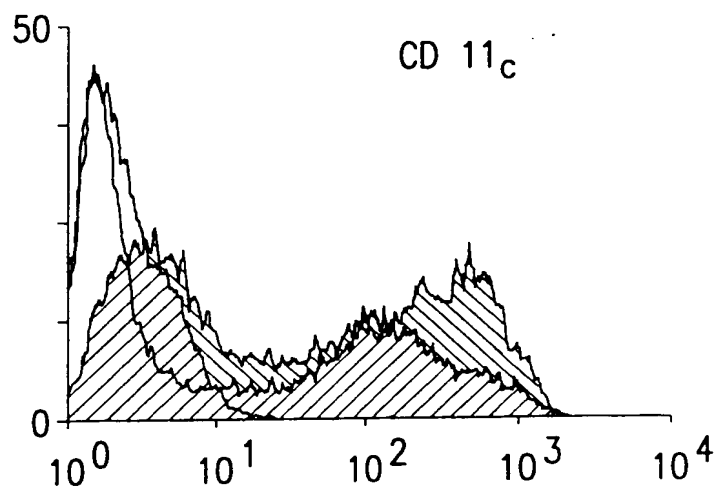


FIG. 3F

6/25

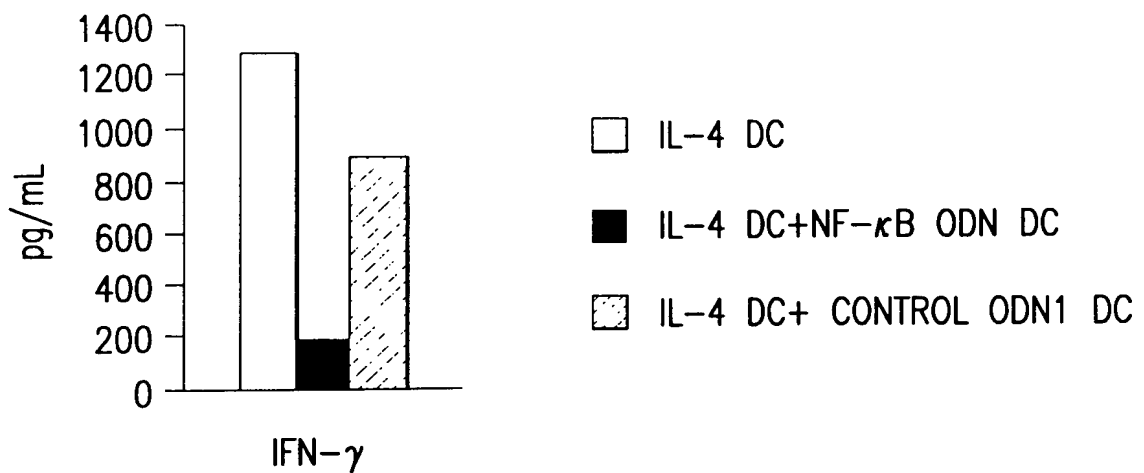


FIG. 4A

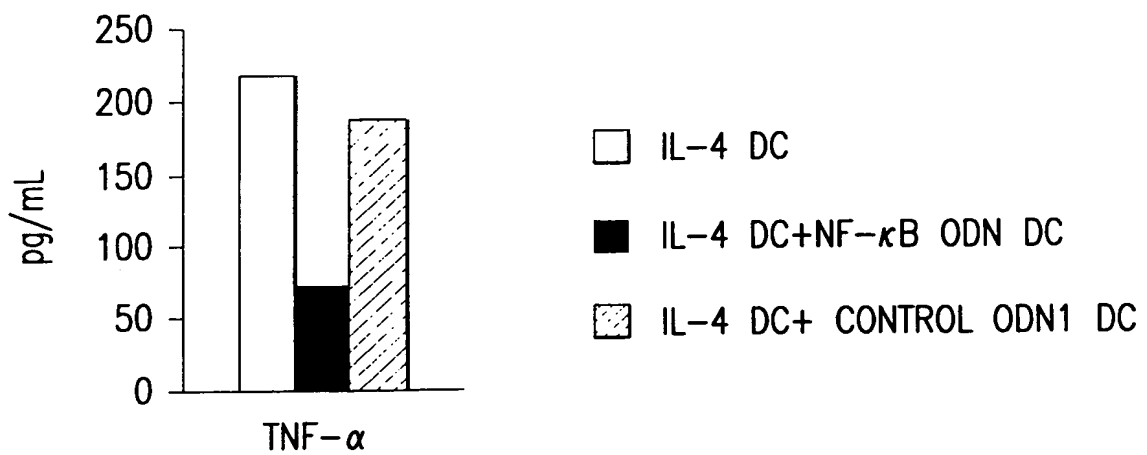


FIG. 4B

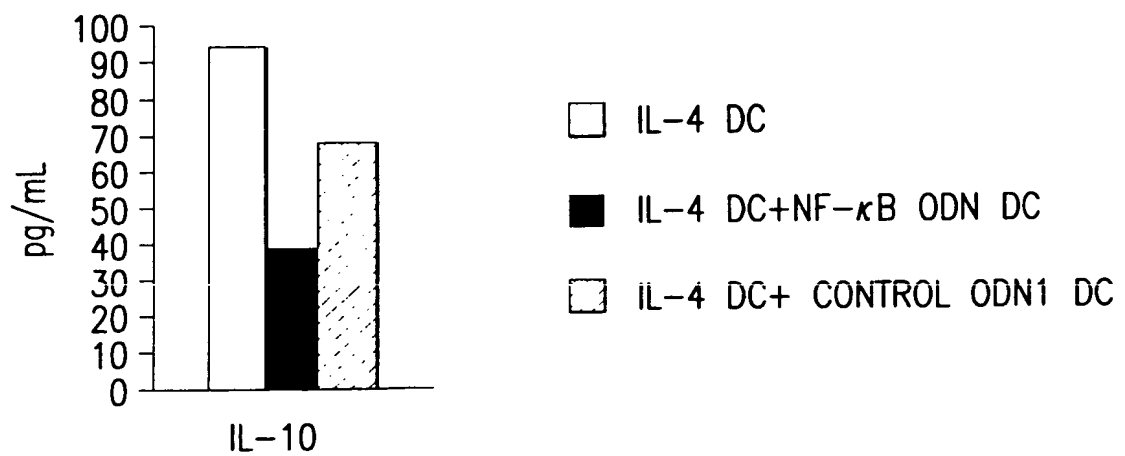


FIG. 4C

7/25

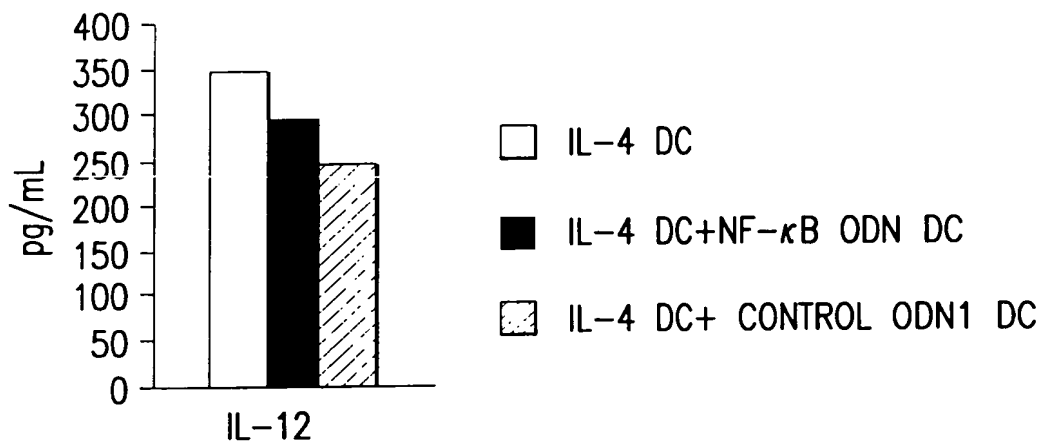


FIG. 4D

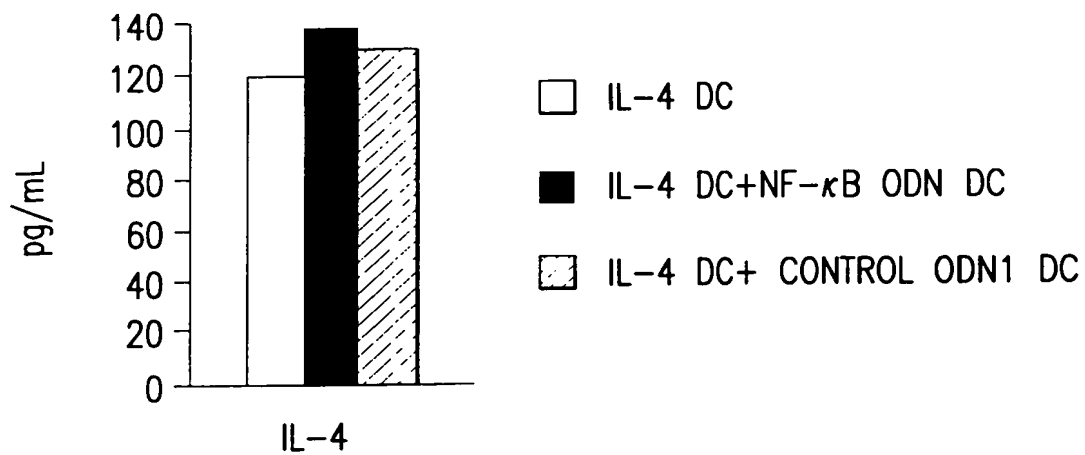


FIG. 4E

8/25

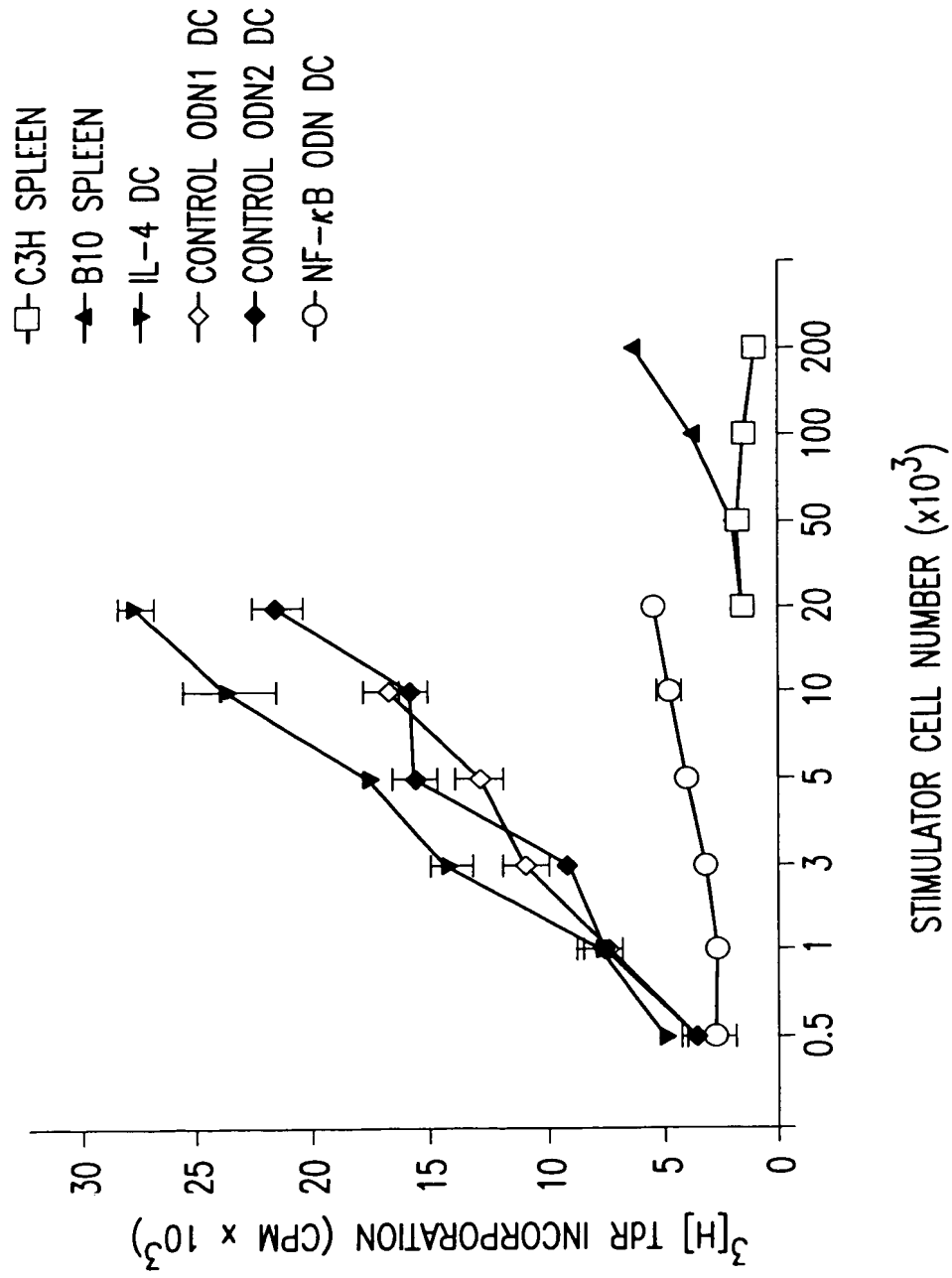


FIG.5

9/25

DC nuclear extract	-	+	+	+	+	-	+	-	-
NF- κ B competitor	-	-	+	-	-	-	-	+	-
NF- κ B ODN competitor	-	-	-	+	-	-	-	-	+
Control ODN2 competitor	-	-	-	-	+	-	+	-	-

NF- κ B \rightarrow  NF- κ B \rightarrow



FIG.6A

FIG.6B

10/25

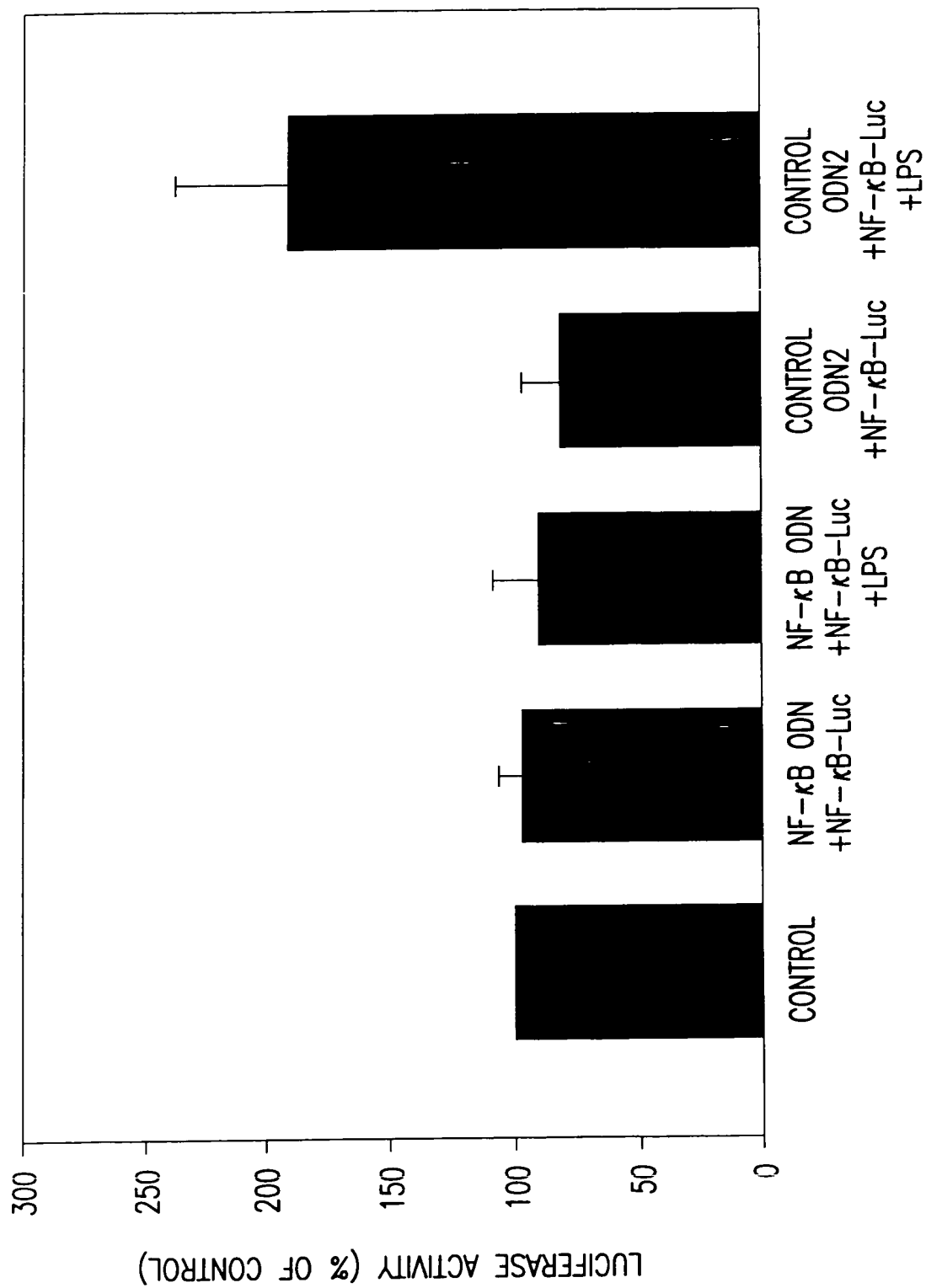


FIG.7

11/25

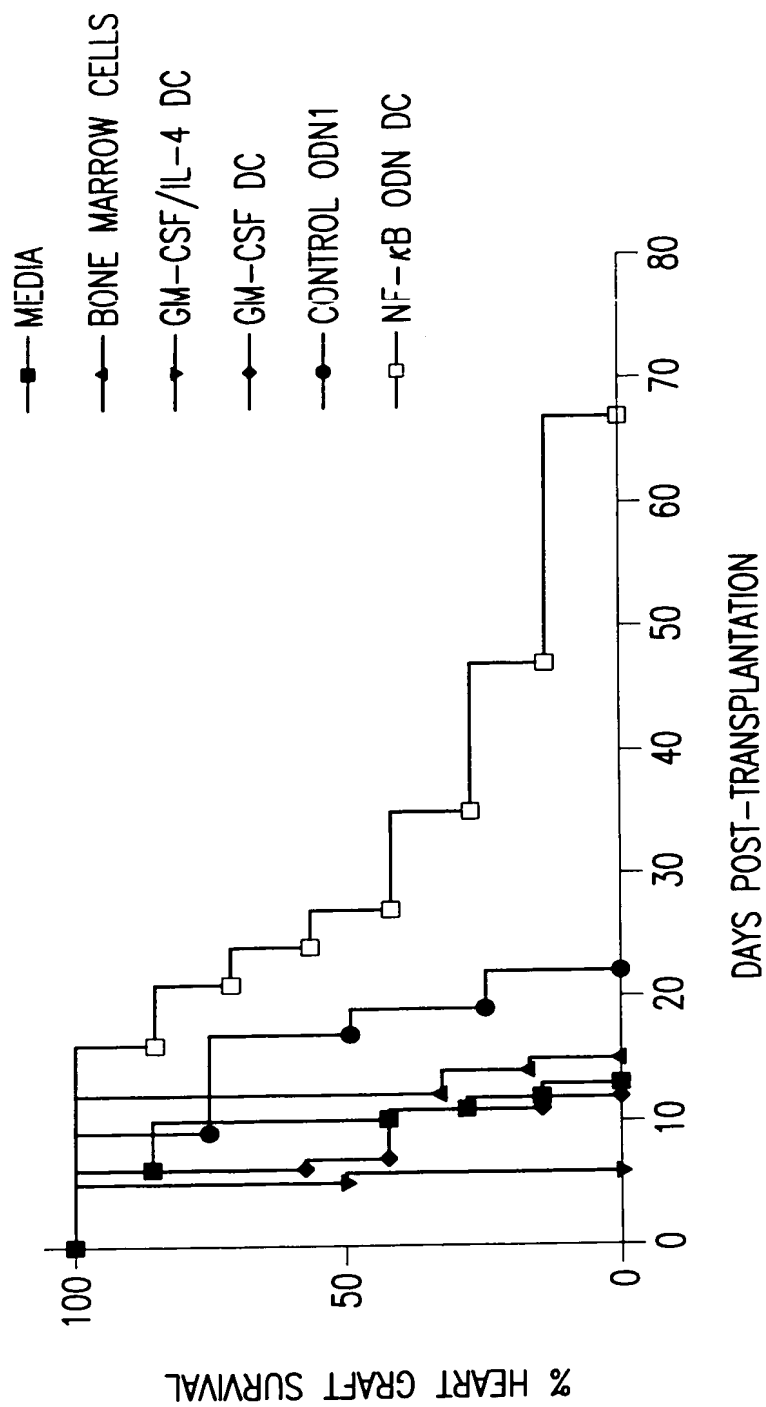


FIG.8

12/25

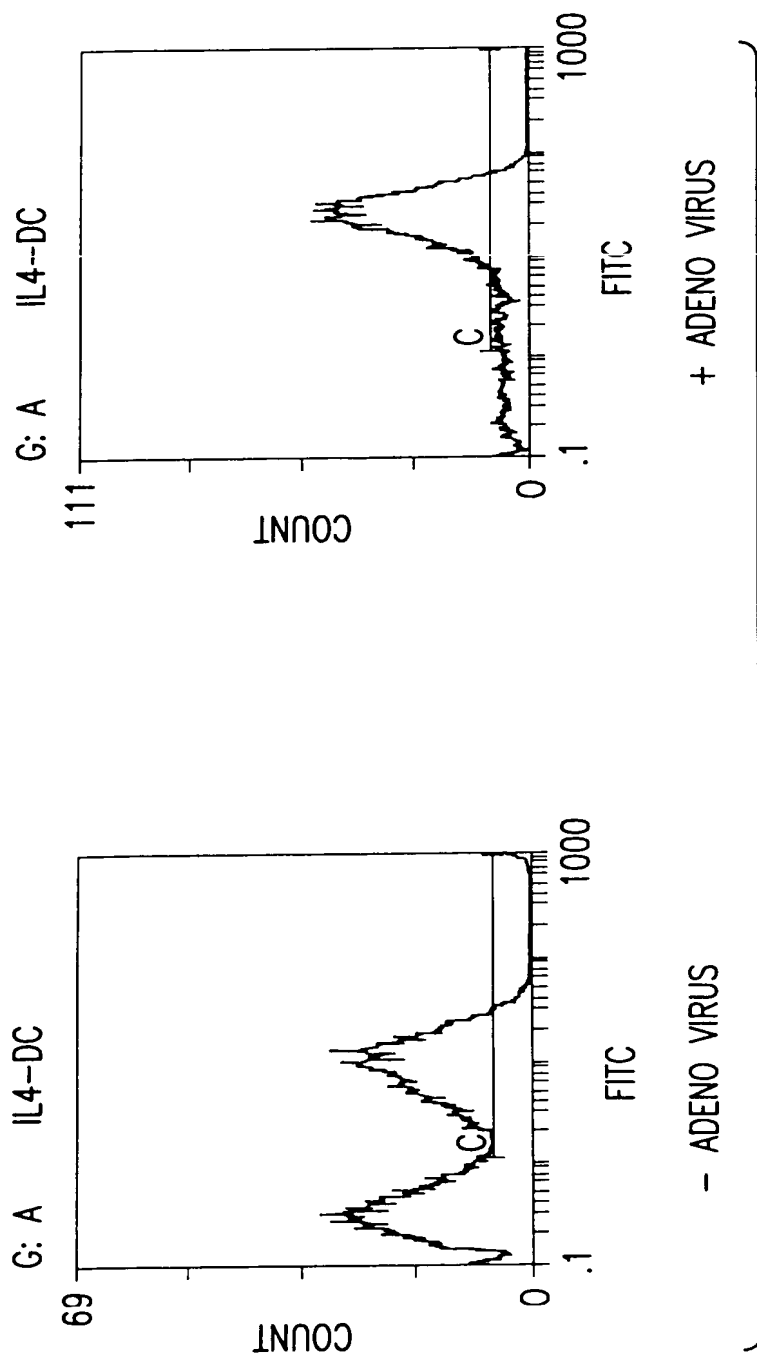
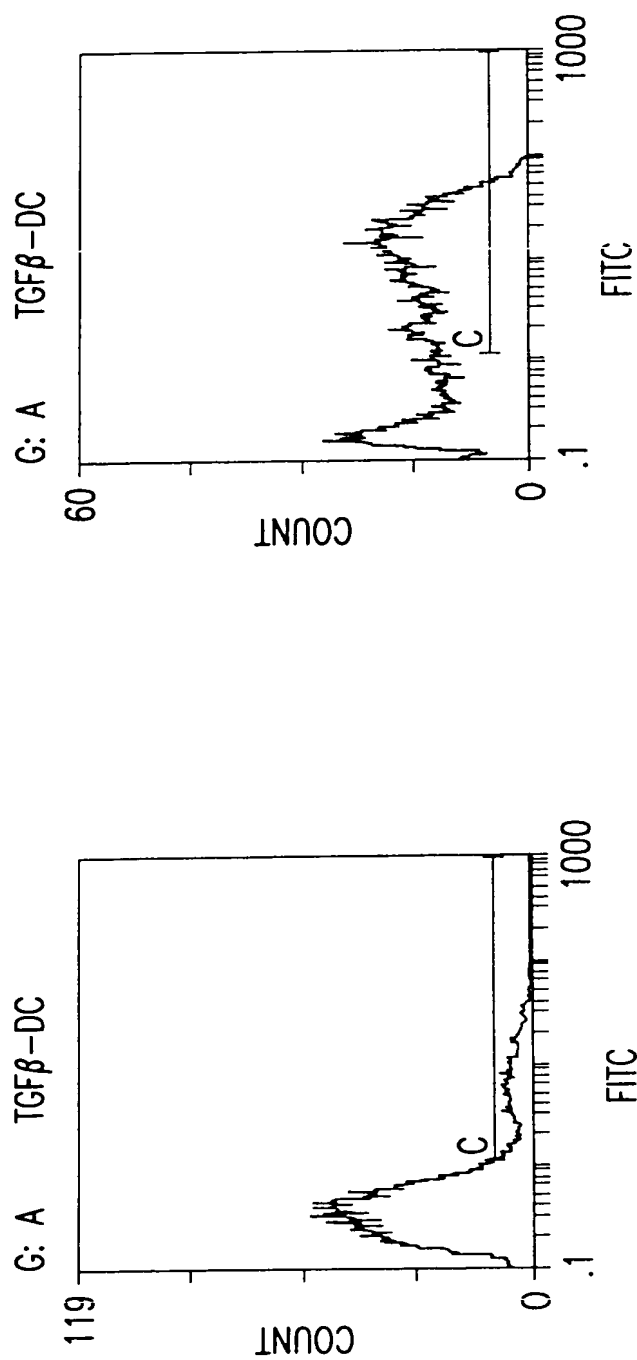


FIG.9A



- ADENO VIRUS

+ ADENO VIRUS

FIG.9B

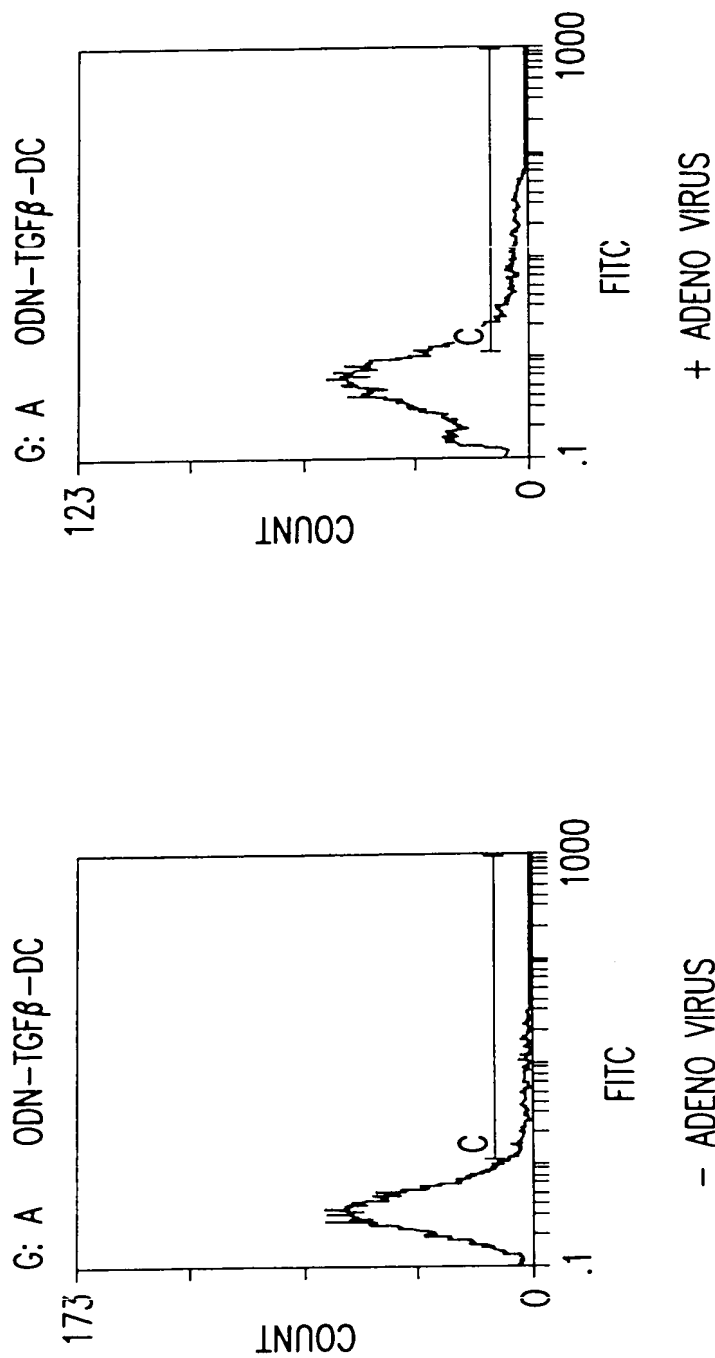


FIG.9C

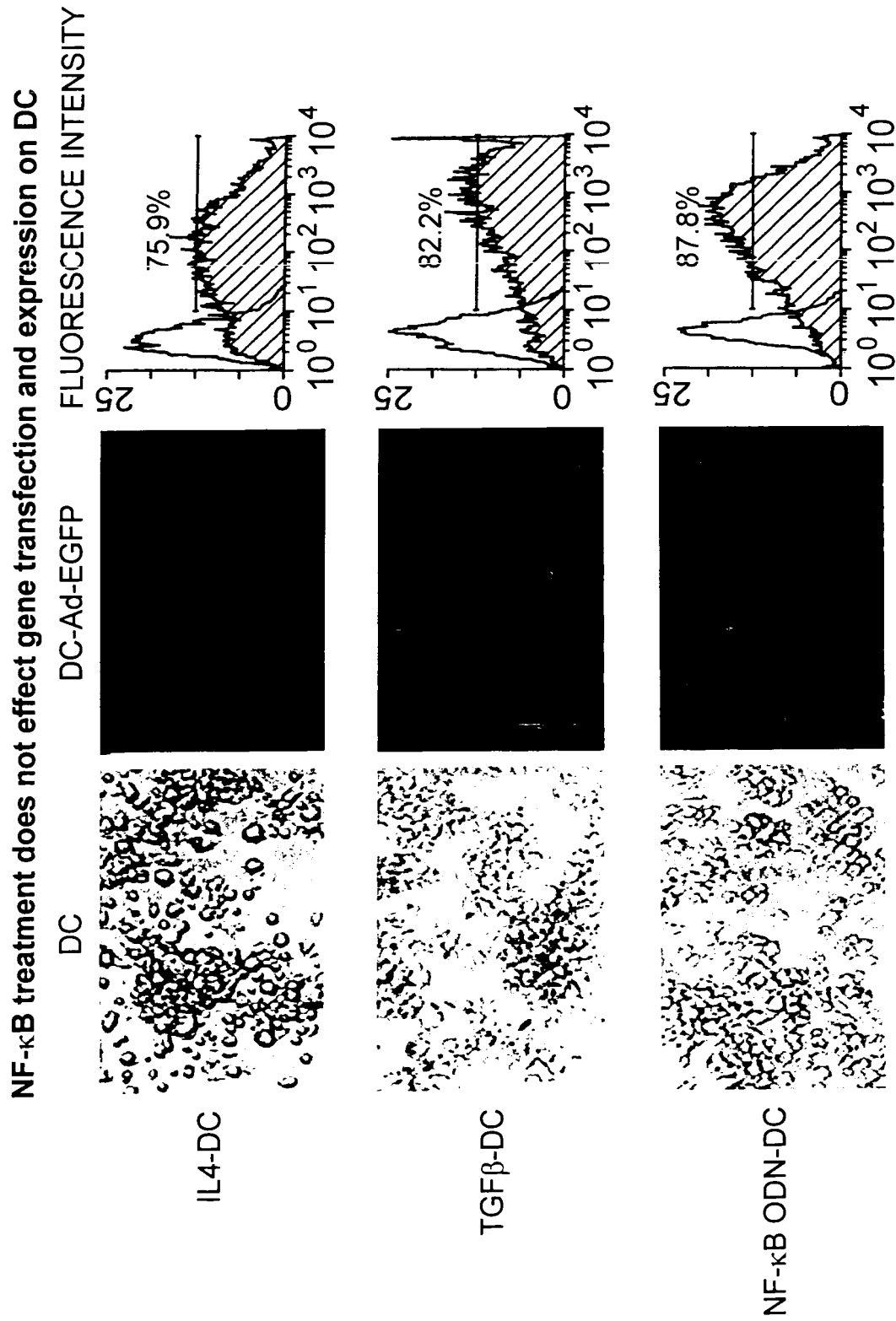


FIG.10

IL-4 DC

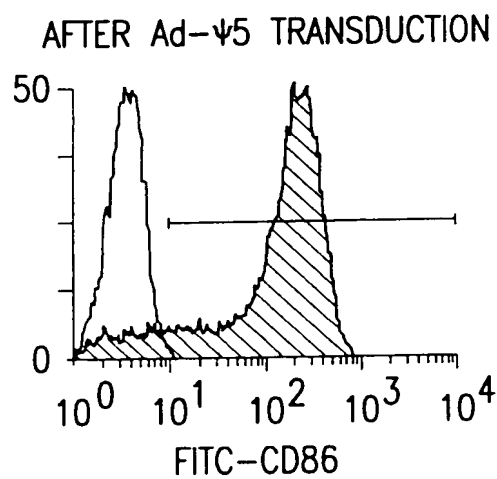
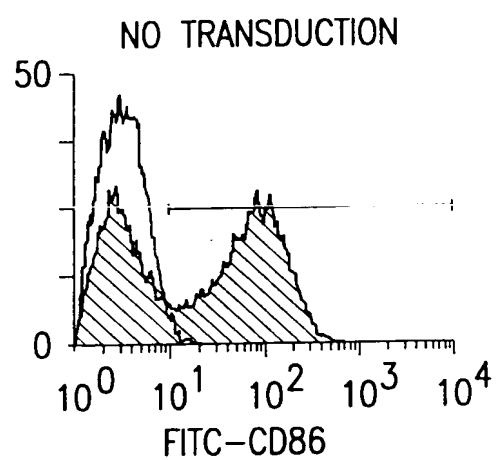


FIG.11A

17/25

TGF β DC

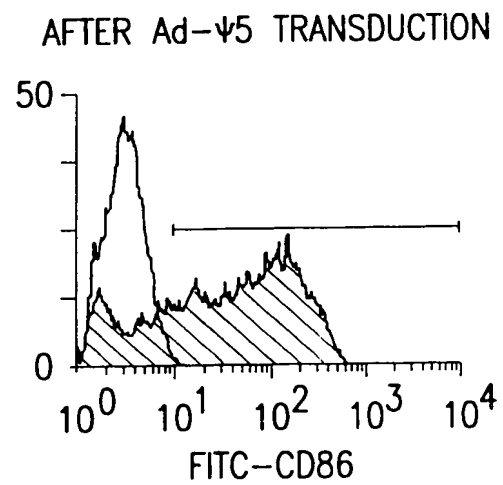
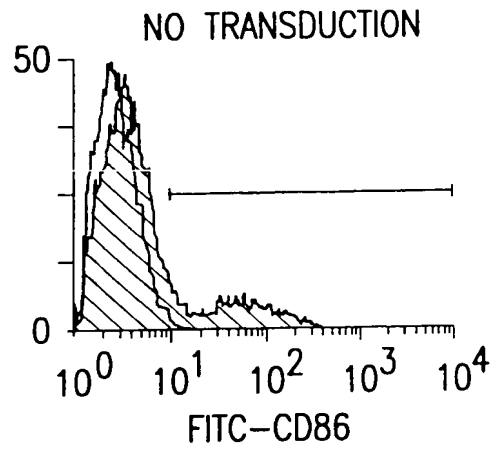
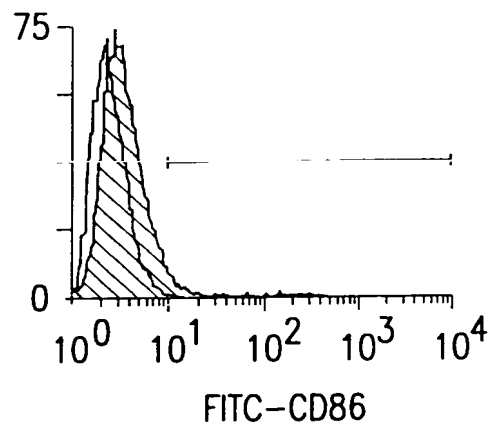


FIG.11B

18/25

NF- κ B ODN DC

NO TRANSDUCTION



AFTER Ad- ψ 5 TRANSDUCTION

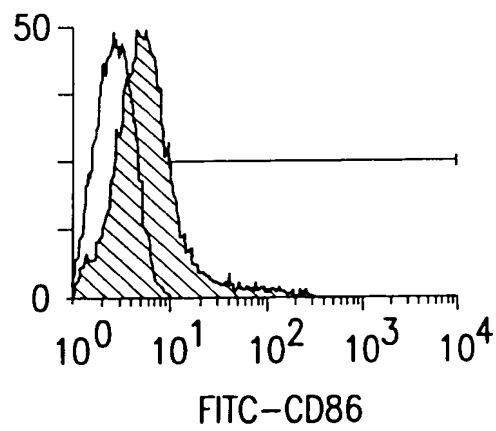


FIG.11C

NF- κ B ODN TREATMENT PREVENTS ACTIVATION OF
DC INDUCED BY AD-VECTOR TRANSDUCTION

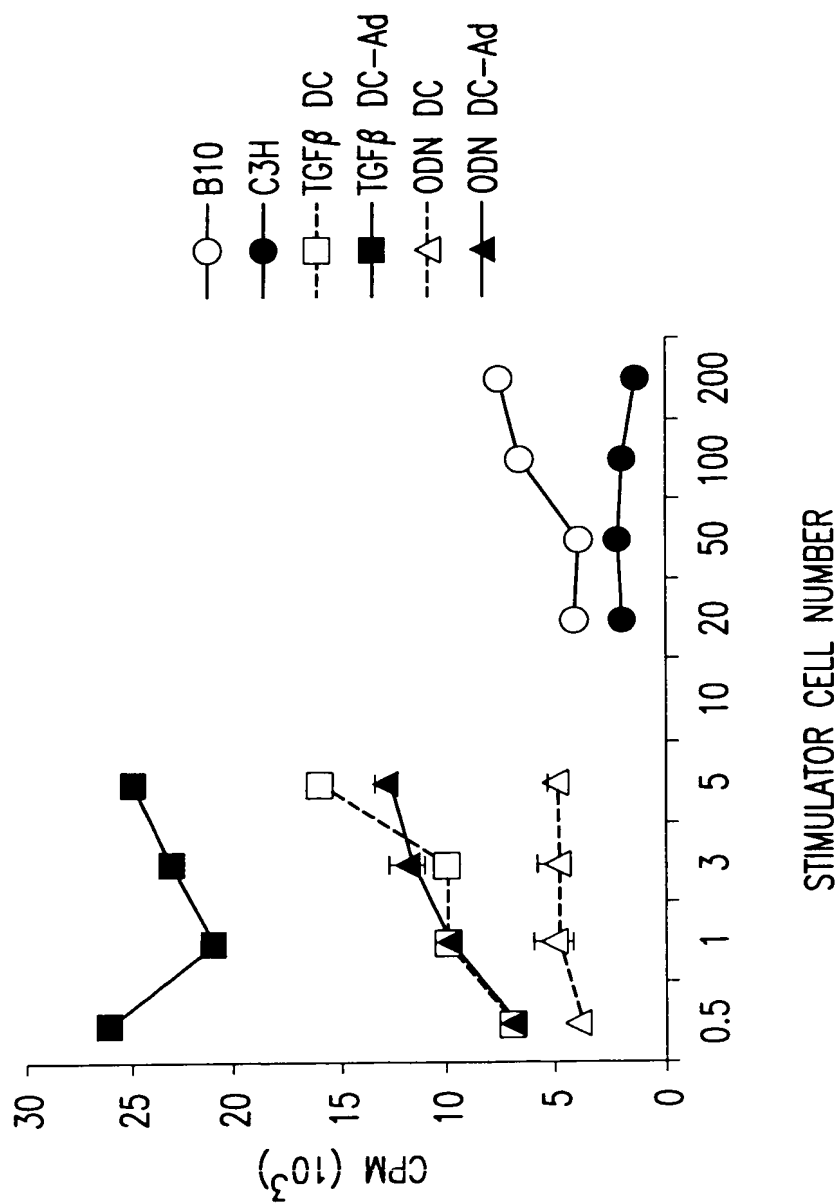


FIG.12

CTLA4Ig IS EFFICIENTLY PRODUCED BY
Ad-CTLA4Ig TRANSDUCED NF- κ B ODN DC

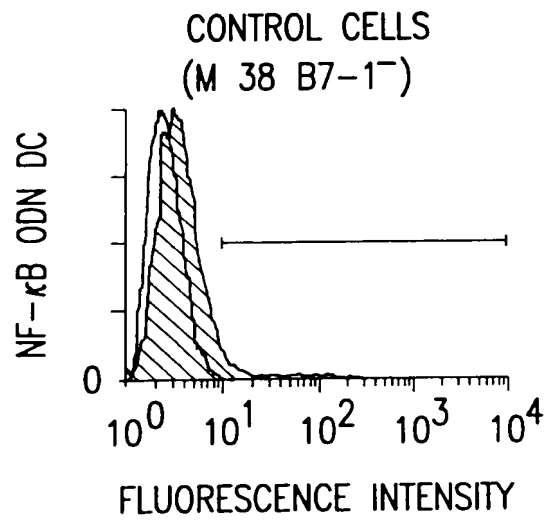
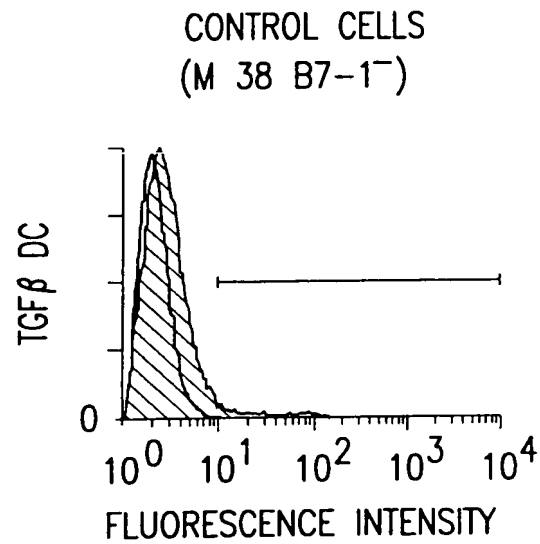
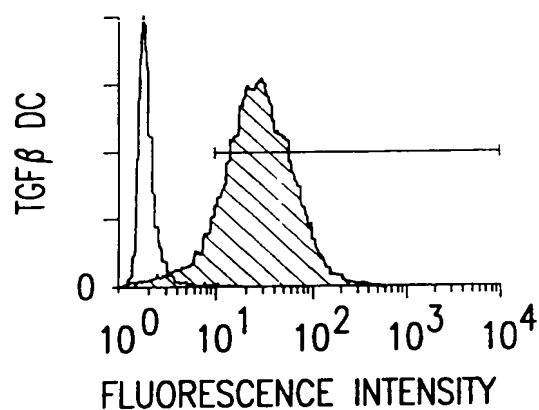


FIG.13A

CTLA4Ig IS EFFICIENTLY PRODUCED BY
Ad-CTLA4Ig TRANSDUCED NF- κ B ODN DC

INDICATOR CELLS
(M 38 B7-1⁺)



INDICATOR CELLS
(M 38 B7-1⁺)

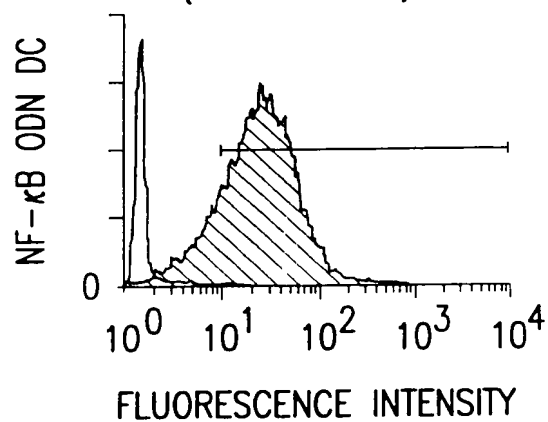


FIG.13B

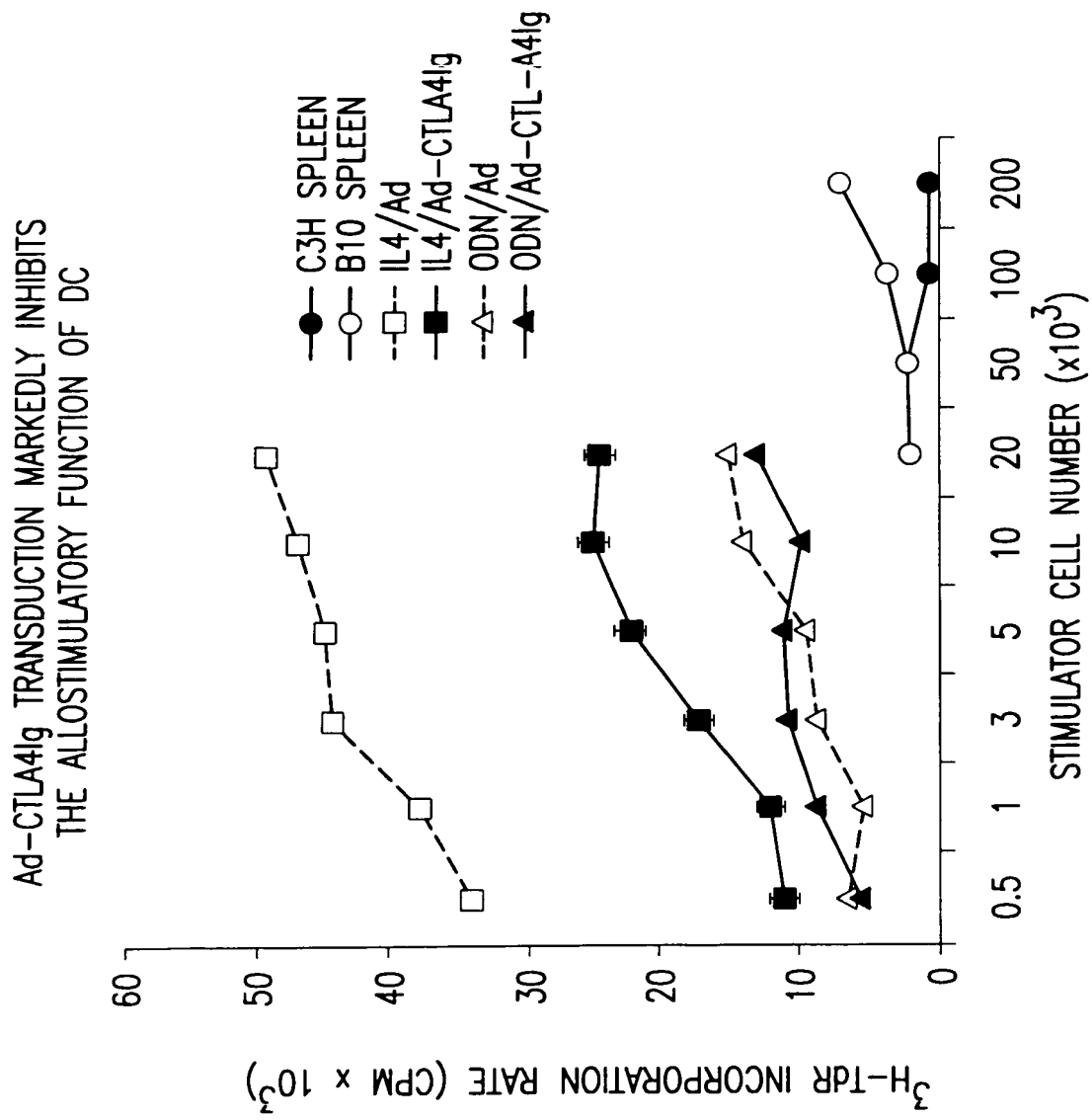


FIG. 14

NOD BM DERIVED-IL4 DC, BUT NOT NF κ B ODN DC, PULSED WITH ISLET LYSATE STRONGLY INDUCE T CELL PROLIFERATION

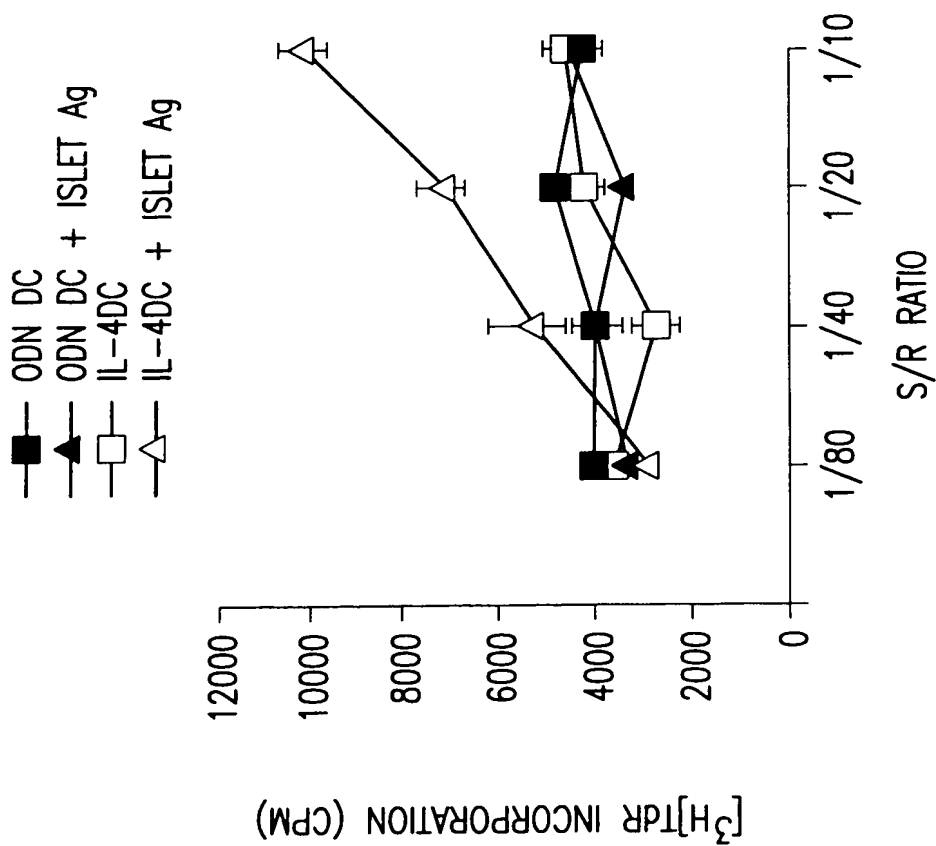


FIG. 15A

24/25

NOD BM DERIVED-IL4 DC, BUT NOT NF κ B ODN DC, PULSED WITH
ISLET LYSATE STRONGLY INDUCE T CELL PROLIFERATION

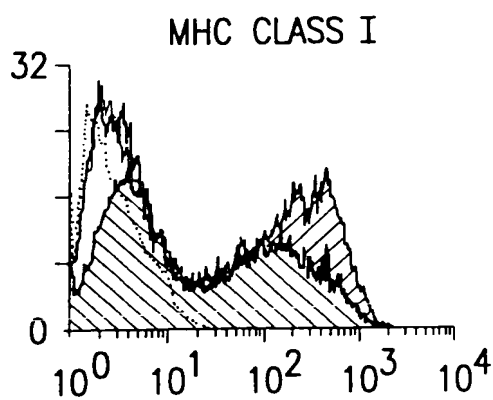
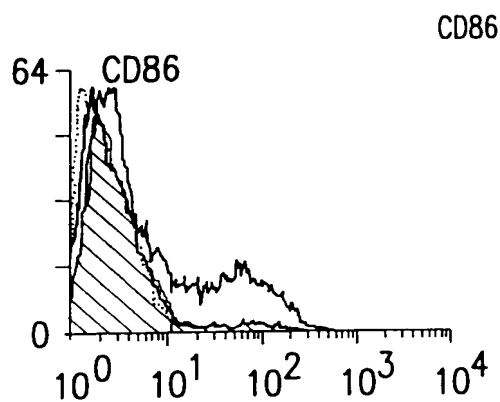
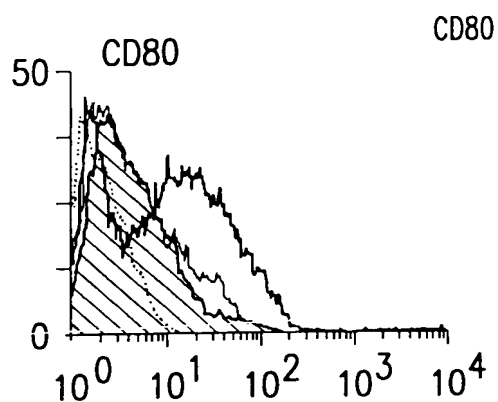


FIG. 15B

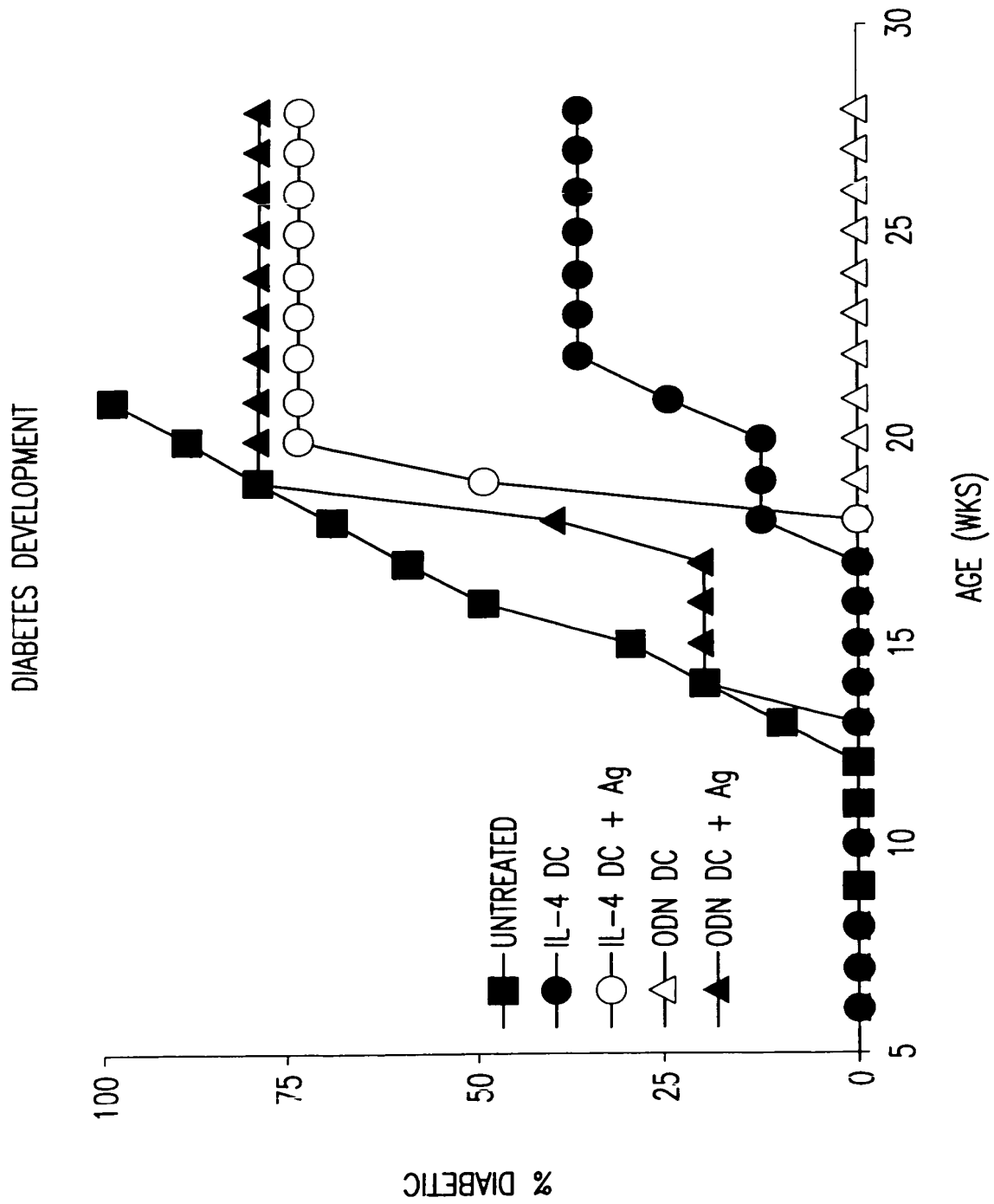


FIG. 16